

## Centrifuge



The 'PRAGATI' Centrifuge are elegantly designed with robust construction and are ideal machines for extraction of water / liquid in Chemical, Textile, Oil and Sugar Industries. The slurry or the material to be filtered is placed in the basket, whose side is perforated. If the solid in the slurry is smaller than the perforation, a filter cloth or filter-bag has to be fitted inside the basket, before charging it. Ferodo-lined breaks are sued to give effective breaking. The power supply is automatically disconnected when breaks are applied. The drive consists of a 1440 R.P.M. / 3 phase, 415-volts, T.E.F.C. Motor and the power is smoothly transmitted through the motor clutch pulley fitted on the motor shaft to the basket by means of 'V' belts.

### Special Features

- Three Pendulum Suspension
- Dynamically Balanced Basket
- Smooth Running
- Compact design for minimum floorspace
- More efficient washing

### Specification

Sr. No.	Model	Basket size xTotal Depth, inch	Basket Dia, inch	Basket Mouth dia, inch	Rated Charge in basket kg	Centrifugal Force G. unit	Filter Area- Sq.ft	Max.Cake Capacity.
1	PC 16	16x8	1465	12	15	487	2.6	10.6
2	PC 20	20x10	1350	14 1/2	25	517	4.1	22.7
3	PC 24	24x12	1220	16 1/2	45	507	5.9	43.8
4	PC 36	36x18	1000	25 1/2	150	511	13.5	136
5	PC 48	48x18	775	33	300	409	18.0	265
6	PC 60	60x24	600	43	400	306	30.1	512